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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/745,035	12/20/2000	B. Arlen Young	ADPT1058	8135

7590 10/26/2005

Forrest Gunnison  
Gunnison, McKay & Hodgson, L.L.P.  
Garden West Office Plaza, Suite 220  
1900 Garden Road  
Monterey, CA 93940

EXAMINER

DANG, KHANH

ART UNIT	PAPER NUMBER
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2111

DATE MAILED: 10/26/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Interview Summary</b>	<b>Application No.</b> 09/745,035	<b>Applicant(s)</b> YOUNG, B. ARLEN	
	<b>Examiner</b> Khanh Dang	<b>Art Unit</b> 2111	

All participants (applicant, applicant's representative, PTO personnel):

- (1) Khanh Dang. (3) Forest Gunnison (Atty. of Record).  
 (2) Rehana Perveen (SPE). (4) \_\_\_\_\_.

Date of Interview: 21 October 2005.

Type: a) ☒ Telephonic b) ☐ Video Conference  
 c) ☐ Personal [copy given to: 1) ☐ applicant 2) ☐ applicant's representative]

Exhibit shown or demonstration conducted: d) ☐ Yes e) ☒ No.  
 If Yes, brief description: \_\_\_\_\_.

Claim(s) discussed: 1.

Identification of prior art discussed: Frame.

Agreement with respect to the claims f) ☒ was reached. g) ☐ was not reached. h) ☐ N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: See Continuation Sheet.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN ONE MONTH FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.



Khanh Dang  
Primary Examiner

Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.

\_\_\_\_\_  
Examiner's signature, if required

## Summary of Record of Interview Requirements

### Manual of Patent Examining Procedure (MPEP), Section 713.04, Substance of Interview Must be Made of Record

A complete written statement as to the substance of any face-to-face, video conference, or telephone interview with regard to an application must be made of record in the application whether or not an agreement with the examiner was reached at the interview.

### Title 37 Code of Federal Regulations (CFR) § 1.133 Interviews

#### Paragraph (b)

In every instance where reconsideration is requested in view of an interview with an examiner, a complete written statement of the reasons presented at the interview as warranting favorable action must be filed by the applicant. An interview does not remove the necessity for reply to Office action as specified in §§ 1.111, 1.135. (35 U.S.C. 132)

#### 37 CFR §1.2 Business to be transacted in writing.

All business with the Patent or Trademark Office should be transacted in writing. The personal attendance of applicants or their attorneys or agents at the Patent and Trademark Office is unnecessary. The action of the Patent and Trademark Office will be based exclusively on the written record in the Office. No attention will be paid to any alleged oral promise, stipulation, or understanding in relation to which there is disagreement or doubt.

The action of the Patent and Trademark Office cannot be based exclusively on the written record in the Office if that record is itself incomplete through the failure to record the substance of interviews.

It is the responsibility of the applicant or the attorney or agent to make the substance of an interview of record in the application file, unless the examiner indicates he or she will do so. It is the examiner's responsibility to see that such a record is made and to correct material inaccuracies which bear directly on the question of patentability.

Examiners must complete an Interview Summary Form for each interview held where a matter of substance has been discussed during the interview by checking the appropriate boxes and filling in the blanks. Discussions regarding only procedural matters, directed solely to restriction requirements for which interview recordation is otherwise provided for in Section 812.01 of the Manual of Patent Examining Procedure, or pointing out typographical errors or unreadable script in Office actions or the like, are excluded from the interview recordation procedures below. Where the substance of an interview is completely recorded in an Examiners Amendment, no separate Interview Summary Record is required.

The Interview Summary Form shall be given an appropriate Paper No., placed in the right hand portion of the file, and listed on the "Contents" section of the file wrapper. In a personal interview, a duplicate of the Form is given to the applicant (or attorney or agent) at the conclusion of the interview. In the case of a telephone or video-conference interview, the copy is mailed to the applicant's correspondence address either with or prior to the next official communication. If additional correspondence from the examiner is not likely before an allowance or if other circumstances dictate, the Form should be mailed promptly after the interview rather than with the next official communication.

The Form provides for recordation of the following information:

- Application Number (Series Code and Serial Number)
- Name of applicant
- Name of examiner
- Date of interview
- Type of interview (telephonic, video-conference, or personal)
- Name of participant(s) (applicant, attorney or agent, examiner, other PTO personnel, etc.)
- An indication whether or not an exhibit was shown or a demonstration conducted
- An identification of the specific prior art discussed
- An indication whether an agreement was reached and if so, a description of the general nature of the agreement (may be by attachment of a copy of amendments or claims agreed as being allowable). Note: Agreement as to allowability is tentative and does not restrict further action by the examiner to the contrary.
- The signature of the examiner who conducted the interview (if Form is not an attachment to a signed Office action)

It is desirable that the examiner orally remind the applicant of his or her obligation to record the substance of the interview of each case. It should be noted, however, that the Interview Summary Form will not normally be considered a complete and proper recordation of the interview unless it includes, or is supplemented by the applicant or the examiner to include, all of the applicable items required below concerning the substance of the interview.

A complete and proper recordation of the substance of any interview should include at least the following applicable items:

- 1) A brief description of the nature of any exhibit shown or any demonstration conducted,
- 2) an identification of the claims discussed,
- 3) an identification of the specific prior art discussed,
- 4) an identification of the principal proposed amendments of a substantive nature discussed, unless these are already described on the Interview Summary Form completed by the Examiner,
- 5) a brief identification of the general thrust of the principal arguments presented to the examiner,  
(The identification of arguments need not be lengthy or elaborate. A verbatim or highly detailed description of the arguments is not required. The identification of the arguments is sufficient if the general nature or thrust of the principal arguments made to the examiner can be understood in the context of the application file. Of course, the applicant may desire to emphasize and fully describe those arguments which he or she feels were or might be persuasive to the examiner.)
- 6) a general indication of any other pertinent matters discussed, and
- 7) if appropriate, the general results or outcome of the interview unless already described in the Interview Summary Form completed by the examiner.

Examiners are expected to carefully review the applicant's record of the substance of an interview. If the record is not complete and accurate, the examiner will give the applicant an extendable one month time period to correct the record.

### Examiner to Check for Accuracy

If the claims are allowable for other reasons of record, the examiner should send a letter setting forth the examiner's version of the statement attributed to him or her. If the record is complete and accurate, the examiner should place the indication, "Interview Record OK" on the paper recording the substance of the interview along with the date and the examiner's initials.

Continuation of Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: A first conference was held between Ex. Dang, SPE Perveen, and Atty. Gunnison to discuss whether Frame is readable on claim 1. In particular, the discussion was focussed on whether or not Frame discloses the "packet information unit" and the "signal" in the Data Out Phase during transfer of the "packet information unit." The teaching of Frame in view of the extrinsic evidence (Young Affidavit) was also discussed in length. Ex. Dang and Atty. Gunnison continued discussing the issues at question in a second separate interview session. During the second interview session, Atty. Gunnison introduced a proposed amendment to claims 1, 5, 7, and 10 to further define claims. The Examiner agreed with Atty. Gunnison that the proposed amendment to the claims would place the case in condition for allowance.

On the side note, The Examiner would like to thank Atty. Gunnison for the effort and cooperation, on behalf of the Applicants, to advance prosecution of this application., .

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**Gunnison, McKay &  
Hodgson, L.L.P.**

To: Examiner Dang, Khanh From: Forrest Gunnison  
Fax: 1-571-273-3626 Pages: 7 Total  
Phone: 1-571-272-3626 Date: October 21, 2005  
Re: Draft of Claim Amendments discussed in Interview  
Your Ref: Serial No. 09/745,035 Our Ref: ADPT1058

●  
Applicants: B. Arlen Young et al.  
Assignee: Adaptec, Inc.  
Title: A METHOD AND STRUCTURE FOR SUPPORTING FLOW CONTROL BY A  
SCSI INITIATOR DURING THE DATA OUT PHASE OF THE  
PACKETIZED SCSI PROTOCOL  
Serial No.: 09/745,035 Filed: December 20,  
2000  
Examiner: Dang, Khanh Group Art 2111  
Unit:  
Docket No.: ADPT1058

Enclosed is:

1) Draft of Claim Amendments Discussed (6 pages).

**CERTIFICATION OF FACSIMILE TRANSMISSION**

I hereby certify this paper is being facsimile transmitted to the Patent and  
Trademark Office (fax No. 571-273-3626) on the date shown below:

*Rivkah Young*  
Signature  
Rivkah Young

October 21, 2005

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TELEPHONE AND RETURN THE ORIGINAL MESSAGE TO US BY MAIL. THANK YOU.

Appl. No. 09/745,035  
Amdt. dated October xx, 2005  
Reply to Office Action of June 2, 2005

**DRAFT FOR DISCUSSION--DO NOT ENTER**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): B. Arlen Young

Assignee: Adaptec, Inc.

Title: A METHOD AND STRUCTURE FOR SUPPORTING FLOW CONTROL  
BY A SCSI INITIATOR DURING THE DATA OUT PHASE OF  
THE PACKETIZED SCSI PROTOCOL

Serial No.: 09/745,035 Filed: December 20, 2000

Examiner: Dang, Khanh Group Art Unit: 2111

Docket No.: ADPT1058

Monterey, CA  
October xx, 2005

Mail Stop Amendment  
Honorable Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

AMENDMENT

Dear Sir:

In response to the Office Action dated June 2, 2005,  
please amend the above-identified application as follows:

1. **Amendments to the Claims** are reflected in the listing of Claims which begins on page 2 of this paper; and
2. **Remarks** begin on page 6 of this paper.

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**DRAFT FOR DISCUSSION--DO NOT ENTER**

This listing of claims replaces all prior versions, and listings of claims in the instant application:

**Listing of Claims:**

1. (Currently Amended) A method for supporting flow control by a SCSI initiator using a Packetized SCSI Protocol, said method comprising:

transmitting a data packet information unit in a Packetized SCSI Protocol Data Out phase by said SCSI initiator following receiving a header packet information unit, in a Packetized SCSI Protocol Data In phase, by said SCSI initiator from a SCSI target wherein information is exchanged between said SCSI initiator and said SCSI target either in said Packetized SCSI Protocol Data Out phase or in said Packetized SCSI Protocol Data In phase; and

receiving a signal by said SCSI initiator, in said Packetized SCSI Protocol Data Out phase during transfer of said data packet information unit, to indicate whether another data packet information unit is to be transmitted by said SCSI initiator in said Packetized SCSI Protocol Data Out phase wherein said signal is generated by said SCSI target on a SCSI bus.

2. (Currently Amended) The method of Claim 1 wherein said receiving a signal further comprises:

receiving said signal from a parity signal line of a said SCSI bus.

3. (Previously Presented) The method of Claim 2 wherein said receiving a signal further comprises:

interpreting an asserted signal, from said parity signal line, to indicate another data packet information

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**DRAFT FOR DISCUSSION--DO NOT ENTER**

unit is not to be transmitted in said Packetized SCSI Protocol Data Out phase.

4. (Currently Amended) The method of Claim 1 wherein said receiving a signal further comprises:

interpreting an asserted signal, on a line of a said SCSI bus, to indicate that another data packet information unit is not to be transmitted in said Packetized SCSI Protocol Data Out phase.

5. (Currently Amended) A method comprising:

transmitting a plurality of data packet information units, one immediately after another, by a SCSI initiator in a Packetized SCSI Protocol Data Out phase following receiving a header packet information unit, in a Packetized SCSI Protocol Data In phase, by said SCSI initiator from a SCSI target wherein information is exchanged between said SCSI initiator and said SCSI target either in said Packetized SCSI Protocol Data Out phase or in said Packetized SCSI Protocol Data In phase; and

monitoring a signal level, from a SCSI target, on a parity line of a SCSI bus by said SCSI initiator to determine whether said transmitting a plurality of data packet information units is to be terminated.

6. (Original) The method of Claim 5 further comprising: determining whether a signal on said parity line has been asserted during said Packetized SCSI Protocol Data Out phase.

7. (Currently Amended) A method comprising:

transmitting a data packet information unit in a Packetized SCSI Protocol Data Out phase by a SCSI initiator following receiving a header packet information



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unit, in a Packetized SCSI Protocol Data In phase, by said SCSI initiator from a SCSI target wherein information is exchanged between said SCSI initiator and said SCSI target either in said Packetized SCSI Protocol Data Out phase or in said Packetized SCSI Protocol Data In phase; and

determining, by said SCSI initiator, whether another data packet information unit is to be transmitted in said Packetized SCSI Protocol Data Out phase by monitoring a signal level, from said SCSI target, on a parity line of a SCSI bus.

8. (Original) The method of Claim 7 where said determining further comprising:

interpreting an asserted signal on said parity line to indicate not to transmit another data packet information unit in said Packetized SCSI Protocol Data Out phase.

9. (Previously Presented) The method of Claim 7 further comprising:

transmitting another data packet information unit by a SCSI initiator in said Packetized SCSI Protocol Data Out phase upon determining said signal level did not change.

10. (Currently Amended) A SCSI initiator device comprising:

a flow control module configured to perform a method comprising:

transmitting a data packet information unit in a Packetized SCSI Protocol Data Out phase following receiving a header packet information unit, in a Packetized SCSI Protocol Data In phase, by said SCSI initiator from a SCSI target wherein information is exchanged between said SCSI initiator and said SCSI

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target either in said Packetized SCSI Protocol Data Out phase or in said Packetized SCSI Protocol Data In phase;

monitoring a signal, from said SCSI target, on a parity bit line of a SCSI bus, in said Packetized SCSI Protocol Data Out phase, by said SCSI initiator to determine whether another data packet information unit is to be transmitted in said Packetized SCSI Protocol Data Out phase; and

interpreting an asserted signal on said parity bit line to indicate said another data packet information unit is not to be transmitted in said Packetized SCSI Protocol Data Out phase.

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**DRAFT FOR DISCUSSION--DO NOT ENTER**

**REMARKS**

Claims 1 to 10 were pending in the application at the time of examination. Claims 1 to 10 stand rejected as anticipated.

Claims 1, 5, 7 and 10 are amended to clarify the "Packetized SCSI Protocol" and the amendments are supported at least by the Specification, Pg. 1 line 28 to 33, and Page 2, line lines 6 to 15. In addition, these Claims are amended to clarify that the SCSI target generated the signal. Applicant respectfully submits the amendments do not introduce new matter and do not require consideration of new issues or a new search.

Claims 2 and 4 are amended to correct an informality introduced by the amendment of Claim 1.

Claims 1 to 10 stand rejected as being anticipated by U.S. Patent No. 5,287,463, hereinafter Frame.

Claims 1 to 10 remain in the application. For the foregoing reasons, Applicant(s) respectfully request allowance of all pending claims. If the Examiner has any questions relating to the above, the Examiner is respectfully requested to telephone the undersigned Attorney for Applicant(s).

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on October xx, 2005.

Respectfully submitted,

Forrest Gunnison  
Attorney for Applicant(s)  
Reg. No. 32,899  
Tel.: (831) 655-0880

\_\_\_\_\_  
Attorney for Applicant(s)

October xx, 2005  
Date of Signature